



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/594,808	06/16/2000	Jin Soo Lee	CIT/K-114	9678

34610 7590 03/04/2003

FLESHNER & KIM, LLP
14500 AVION PARKWAY, SUITE 125
CHANTILLY, VA 20151

EXAMINER

NGUYEN, CAM LINH T

ART UNIT	PAPER NUMBER
----------	--------------

2171

10

DATE MAILED: 03/04/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/594,808

Applicant(s)

LEE ET AL.

Examiner

Cam-Linh T. Nguyen

Art Unit

2171

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 28 January 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1 and 3-33 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,3-33 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1, 3 - 33 are rejected under 35 U.S.C. 102(e) as being anticipated by Jain et al (U.S. 6,144,375).

♦ As per claim 1, 8, 17, 20, 27,

Jain discloses a method for browsing a moving picture comprising:

- "Receiving moving picture information and multiple supplementary information"

See Fig. 4, Col. 16 line 25 – 47, Jain, where "moving picture information"

corresponds to "live video information" coming to the capture/filter 304 (col. 16

line 37 – 41). "Multiple supplementary information" corresponds to "statistical

information streams associated with the media event" or other information

specific to the event (col. 16, line 41 – 45). The "statistical information"

corresponds to the "real information", and "other information about the event" is

corresponding to the "content information".

- "Separating the moving picture information and the multiple supplementary information" See Fig. 6B, where the video server 350 contains data about video

Art Unit: 2171

clips, and the web server 352 contains statistical or other information about the video clips.

- "Displaying the moving picture information" See Fig. 7, col. 22 line 6 – 15.
- "Browsing/searching supplementary information related to a particular object from the multiple supplementary information" See Fig. 9, col. 30 line 43 – 47, where the user try to search for information about a particular player in a football game.
- "Displaying the supplementary information when a user requests for browsing/searching the supplementary information related to the particular object" (See Fig. 9, elements 508, 510, col. 30 line 48 – 61).

♦ As per claim 19, 15 – 16, 18,

- "Content information is information on a place or an object having meaning in view of content of the moving picture" See Fig. 9 element 510, col. 30 line 57 – 61.
- "Real information is information on a real place or a real object which is a meaningful place in view of the content of the moving picture" See Fig. 9 elements 502, 508, col. 30 line 49 – 51.

♦ As per claim 3, 9,

- " The content information and the real information includes selective combinations of object information, event information, place information, and object/event/place in a graph" See Fig. 3, 4 and fig. 6A, where object information is the video stream 316 (fig. 4) coming to the capture/filter or from the sensors

206 in Fig. 2, event information is the supplementary data stored in the database 216, 218 in fig. 3, col. 13 line 27 - 48. The text stored in the database also specifies the place information.

◆ As per claim 4, 10

- "The content information and real information includes text information describing character of the object, and image or graphic information on the character" See Fig.9, where the element 501 is the image of the character selected by user, and the text in 508, 510, describes the character of the object.

◆ As per claim 5, 11,

- "The object information includes text information, and an image" See Fig. 9, element 504, 510.

◆ As per claim 6, 12,

- "The event information includes text information describing content of the event, and information on a place or a sketch map the event occurred" See Fig. 5, 6a, where the text information can be entered by user 320, and the time clock from the start crew computer also specifies a map the event occurred.

◆ As per claim 7, 13, 24, 31,

- "The place information includes text information describing the place, and information on location" See col. 30 line 58 – 61.

◆ As per claim 14,

Claim 14 is rejected based on the rejection of claim 1, 19, and 3.

◆ As per claim 21 - 22, 28 – 29,

Art Unit: 2171

- "The moving picture data is moving video" See Fig. 7, col. 22 line 6 – 67.
- "The moving video includes associated audio" col. 16 line 34 – 42.

♦ As per claim 23, 25, 30, 32,

- "The person is at least one of a person whose image is captured" see fig. 9 element 501.

♦ As per claim 26, 33,

As noted above, the system can include audio information (col. 16 line 34 – 42), this audio is considered as a "natural sound" associated with the video clips.

Response to Arguments

3. Applicant's arguments with respect to claims 1, 3 - 33 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion


1. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cam-Linh T. Nguyen whose telephone number is 703-305- 1951. The examiner can normally be reached on Monday - Friday from 8:00 am to 4:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Safet Metjahic, can be reached on (703) 308- 1436. The fax phone number for the organization where this application or proceeding is assigned is 703- 746- 7239.

Art Unit: 2171

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703- 305-3900.

Cam-Linh Nguyen
Art Unit 2171



SAFET METJAHIC
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100